

## Recombinant Human CDH6 protein, T7/His-tagged

Cat. No. CDH6-110H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CDH6 extracellular domain cDNA ( 67 - 615 aa ) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	67-615 a.a.
<b>Form</b>	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGQQMGRGRGHHHHHGNLYFQQGEFLCCDFLAHHGTDCWTYHYSEKPMNW QRARRFCRDNYTDLVAIQNKAE IEYLEKTLPFSSYYWIGIRKIGGIWTWVGTNKS LTT EEAENWGDGEPNKKNKEDCVEIYIKRNKDAGKWNDAC HKLKAALCYTASCQP WSCSGHGECVEIINNYTCNCDVGYYPQCQFVIQCEPLEAPELGTMDCTHPLGNFS FSSQ CAFSCSEGTLTGIEETTCGPFGNWSSPEPTCQVIQCEPLSAPDLGIMNCSH PLASFSFTSACTFICSEGTELIG KKKTICSSGIWSNPSPICQKLDKSFMSIKEGDYN
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro CDH6 human ES cell differentiation and activities" regulation study with this protein as either coating matrix protein or soluble factor.2. May be used for protein-protein interaction assay.3. Potential biomarker protein for clinical monitoring NK cell function in vitro.4. Potential biomarker protein for clinical

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

applications such as monitoring gastric cancer or CML diseases.5. As antigen for specific antibody production.

**Storage**

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

## GENE INFORMATION

**Gene Name**

CDH6 cadherin 6, type 2, K-cadherin (fetal kidney) [ Homo sapiens ]

**Official Symbol**

CDH6

**Synonyms**

CDH6; cadherin 6, type 2, K-cadherin (fetal kidney); cadherin-6; K Cadherin; CAD6; KCAD; FLJ14176; DKFZp564N1116;

**Gene ID**

1004

**mRNA Refseq**

NM\_004932

**Protein Refseq**

NP\_004923

**MIM**

603007

**UniProt ID**

P55285

**Chromosome Location**

5p13.3

**Pathway**

Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Function**

calcium ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA